Location Map Pinned Card Indexed I W R for State or Fee Land COMPLETION DATA: Date Well Completed	Checked by Chief Copy NID to Field Office Approval Letter Disapproval Letter
Date Wall Completed # 24 58	Approval Letter
Card Indexed I W R for State or Fee Land COMPLETION DATA: Date Well Completed	
OMPLETION DATA: Date Well Completed	Disapproval Letter
COMPLETION DATA: Date Well Completed #-21-58	
Date Well Completed 11-20-58	
	Location Inspected
OW TA	Bond released
6W OS PA.X	State of Fee Land
LOGS FILD Driller's Log 12-19-58	LED
Electric Logs (No.)	
E	GR GR-N Micro.
Lat Mi-L Sonic	Others Padio activity

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(SUBMIT IN DUPLICATE)

OIL &		
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STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented
Lease No
Public Domain
Indian

Lease No.

LAND:

SUNDRY	NOTICES AN	D REPO	ORTS ON	WELLS
Notice of Intention to Drill Notice of Intention to Change P Notice of Intention to Redrill or Notice of Intention to Pull or Al Notice of Intention to Abandon	Repairter Casing	Subsequer Subsequer Supplemen	at Report of Alter at Report of Red attary Well Histor	er Shut-off ring Casing rilling or Repair
(INDI	CATE ABOVE BY CHECK MARK NA	TURE OF REPORT, N	OTICE, OR OTHER DATA)	
Mineral Point USA Well No 1 is located	ted 1820 ft. from {			17, 19.58 (E) line of Sec. 7
NE/L SE/L Sec. 7 (1/4 Sec. and Sec. No.)	26 - S		18 - E	Salt Lake
Wildcat (Field)	Grand (County	y or Subdivision)		(State or Territory)
ground The elevation of the TANTON fl A drilling and plugging bond h (State names of and expected depth jobs, cementing points, and all other the approximate casing p	DETAIL as to objective sands; show important work, surface	U. S. Gove S OF WORK w sizes, weights e formation, an	rnment, , and lengths of pro d date anticipate sp	 posed casings; indicate mudding
los 5" OD Lind	Surface casing cer Intermediate strip t circulation or ver er if necessary for String will be us	ng if neces water flow. or producti	sary because on.	
Estimated total depth 78	001.			
Principle Objective - Mi	ssissippian•			
I understand that this plan of work	must receive approval in	n writing by the	e Commission before	e operations may be commenced.
Company The Pure Oil Co	mpany	<i>y</i>		
Address1700 Broadway		By Z	Mark	ustan
Denver 2, Color	ado		L. Warburton ision Chief P	roduction Clerk
				assa nuonoutu linea duillina and

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

THE PURE OIL COMPANY

ate	Septe	ember 1	17.	1958	3				LOC	CATIO	NC	REPO	OR"	T		A.F	E. N	04	242		
ivision_	Rocky	Mounta	ai n	Proc	ducir	ಷ್ಟ Di	stric	t Mir	nera.	l Poi	nt Pr	ospe U	ct	_ Leas	Gr.	4 - Mi	Ura) Inera	o O	7262 Point US		
.cres	1600	(2500)			Le	ase f	No	798	90		Elev			062	We				(Serial No.		
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urvey_	Salt_	Lake N	<u>erid</u>	<u>i.an</u>				Coun	t y		Gra	<u>ıa</u>			St	ate		<u>tah</u>			
perator		THE A	URF	OIL	0011	PANY	<u>-</u>				Map		U	tah	<u>3-5</u>				<u>:</u>		
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			"	"	West		"	"				\	Gas	Well				- \$	- Dry Showi	ng Gas	
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		7	. –						Civil	Engine										Division M	anag
																			ce-President		

September 19, 1958

The Pure 011 Company 1700 Broadway Denver 2, Colorado

Attention: T. L. Warburten, Division Chief Production Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Mineral Point USA 1, which is to be located 1820 feet from the south line and 660 feet from the east line of Section 7, Township 26 South, Range 18 East, SLEM, Grand County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION CONSISSION

CLEON B. FRIGHT SECRETARY

CEF:co

ce: Don Russell

Wess, Federal Bldg.

Salt Lake City

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Approval		. 42-R356.5. -31-60. City
LAND OFFICE	Utah	0726) <u>-</u>
LEASE NUMBER	O cent	0120	5
UNIT			

LESSEE'S MONTHLY REPORT OF OPERATIONS 712-1-57

	State	Utal	n		Co	ountyG	rand		Field		Wildcat		· •	
	Th	e follo	wing	is a	correc	et report of	operat	ions and	produ	ction (i	_		•	2
	Agent's	s addre	28 8	1700 Denv	Broa	dway Colorado -3331			Comp	any Th	Pure 01	1 Compa	ny	
	Phone .	••••••••••••••••••••••••••••••••••••••		AMhe	rst 6	-3331			Agent	's title	Divisi è n	Chief P	roduct	ion Cler
	SEC. AND 1/4 OF 1/4	TWP.		WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of (In thousan	GAS G	ALLONS OF JASOLINE ECOVERED	BARRELS OF WATER (If none, so state)	RE (If drilling, der date and resu	MARKS	
ec.		268 Point	18E USA)		678' with Seal Flat casing a sack, 25 Drilled Tool operation in after 20 slightly	h 320 ke pe t 417 Gel, 4172' n 45 5 gal minu gas	sx. cem r sack. O' with 2% Calc to 5598 minutes lon buck tes, des cut salt i 2985,	Dril 1000 cium C dium C dium C shut set of daft wate	2% Gel led 70 sx. 50 hlorid allibu in 45 water er 35 r with	00. Set, 2% Calco. to 417-50 Pozmis and 1/1 rton DST minutes., decreas minutes. slight (0, Final	ium Chl 21. Se x with #Seal F No. 1, Opened ing to Recove	oride t 7-5/ 17# sa lake p 5527'- with weak b red 11 bow in	and 1/84 8" OD lt per er sack. 5598'. fair low O' sample.

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

Form 9-329 (January 1950)

m 9- Feb. 19	•	

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Approval expires 1	4-01-00.
Land Office Salt Lake	city
Lease No. Utah 07265	<u>}</u>
Uniti	
n - 1d	

——————————————————————————————————————				1 2	
SUNDRY NO	TICES ANI) REPOR	TS ON WE	LLS	
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPO	RT OF WATER SHUT-OFF		
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPOR	RT OF SHOOTING OR AC	IDIZING	
NOTICE OF INTENTION TO TEST WATER SH	UT-OFF	SUBSEQUENT REPOR	RT OF ALTERING CASING	}	
NOTICE OF INTENTION TO RE-DRILL OR RI	EPAIR WELL	SUBSEQUENT REPOR	RT OF RE-DRILLING OR	REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACID	IZE	SUBSEQUENT REPOR	RT OF ABANDONMENT		
NOTICE OF INTENTION TO PULL OR ALTER	CASING	SUPPLEMENTARY W	ELL HISTORY		X
NOTICE OF INTENTION TO ABANDON WELL					
(INDICATE ABO	OVE BY CHECK MARK NATU	JRE OF REPORT, NOT	CE, OR OTHER DATA)		
			November 5,		. 19 58
Vell No. 1 is located Well SR/1: Sec. 7 (1/2 Sec. and Sec. No.)		,	Leke	line of sec.	7
	_	_	(Meridian) Fitch		
(Field)	(County or Sub	division)	(State or	Гerritory)	
he elevation of the desire in					
itate names of and expected depths to object		OF WORK	f proposed casings, indi	cate mudding ich	s cement-
react maines of and expected depths to object	ing points, and all other	mportant proposed	work)	Jo-	-,
<u>-28-58</u>					
lliburton DST No. 1, 552 1" adjustable, bottom her Initial Shut In and 30 ir blow in 5 gallon buck ad after 35 minutes. Re 1 rainbow in samples. (85, IF 50, FF 50, Final	ole choke 5/8°. minutes for Fi et of water, de covered 110° al Samples taken i	Tool open inal Shut In screasing to lightly gas from 5 gallo	h h5 minutes, . Tool open weak blow af cut salt wate	shut in 15 at 8:00 a. tor 20 min r with sli	minut m. wit mtes,
I understand that this plan of work mus			Survey before operatio		enced.
ddress 1700 Broadway	-			/	
Denver 2, Colo	rado	Ву	Aldr.	<u> Aususti</u>	<u> </u>
		Title	Division Chie	f Producti	on Ol

For (1	m 9- Feb. 19	331 a 951)	•	
				

(SUBMIT IN TRIPLICATE)

UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

Land Office Sult Lake City
Lease No. Utah 07262
Unit
M 51.50

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NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS.	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.		
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		I
NOTICE OF INTENTION TO ABANDON WELL	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		
(INDICATE ABOVE BY CHECK MARK I	NATURE OF REPORT, NOTICE, OR OTHER DATA)	
Ineral Point USA [ell No. 1 is located 1820 ft. from	November 5. 1 $ {\begin{bmatrix} \mathbf{X} \\ \mathbf{S} \end{bmatrix}} \text{ line and } \begin{array}{c} 660 \\ \mathbf{ft.} \text{ from } {\begin{bmatrix} \mathbf{E} \\ \mathbf{X} \end{bmatrix}} \text{ line of sec. } 1 \end{array} $	
HE/1 SE/1 Sec. 7 26-S 1 (½ Sec. and Sec. No.) (Twp.)		
(Field) (County or	Subdivision) (State or Territory)	•
he elevation of the desired as above sea leve	el is 5075 ft.	
DETAIL	LS OF WORK	
ate names of and expected depths to objective sands; show size:	LS OF WORK s, weights, and lengths of proposed casings; indicate mudding jobs, cher important proposed work)	emen
tate names of and expected depths to objective sands; show size:	s, weights, and lengths of proposed casings; indicate mudding jobs, c her important proposed work)	emen
30-58 3pudded September 2 10-3/4" Of ho. 5# 3-55 MSS Casing at regular cement plus 25 gel and 25 ock.	s, weights, and lengths of proposed casings; indicate mudding jobs, c her important proposed work)	0
30-58 Spended September 2 11 10-3/h* OD ho. 5# J-55 MSS Casing at regular cement plus 25 gel and 25 ock. 1-19-58 1-128 joints 7-5/8** OD ho. 5# J-55 MSS Casing at regular cement plus 25 gel and 25 ock.	s, weights, and lengths of proposed casings; indicate mudding jobs, cher important proposed work) 7. 1958. at 678' and cemented to surface with 32 calcium chloride with 1/h/ seal flake possing at 4170'. Cemented with 1000 th 2% gel, 2% cal. chloride and 1/h/ spipe at 4136'. Tested cement job with	or er
30-58 Spudded September 27 10-3/h* OD hO.5# 3-55 MSS Casing at regular cement plus 2% gel and 2% of 128 joints 7-5/8* OD hO.5# J-55 MSS 129 joints 7-5/8* OD hO.5# J-55 MSS 120 joints 7-5/8* OD	s, weights, and lengths of proposed casings; indicate mudding jobs, cher important proposed work) 7. 1958. at 678' and cemented to surface with 32 calcium chloride with 1/h/ seal flake possing at 4170'. Cemented with 1000 th 2% gel, 2% cal. chloride and 1/h/ spipe at 4136'. Tested cement job with	or ex
30-58 Spudded September 2 10-3/h* OD hO.5# 3-55 MSS Casing at regular cement plus 2% gel and 2% of the control of the contro	s, weights, and lengths of proposed casings; indicate mudding jobs, cher important proposed work) 7. 1958. at 678' and comented to surface with 32 palcium chloride with 1/h/ seal flake positions at 1/h/ seal flake positions at 1/h/ seal flake point 25 gel, 25 cal. chloride and 1/h/ spipe at 1136'. Tested coment job with 36. writing by the Geological Survey before operations may be commenced.	or ex
30-58 Special September 2 10-3/h* OF ho. 5# 1-55 MSS Casing at regular cement plus 2% gel and 2% of the september 2 of the se	s, weights, and lengths of proposed casings; indicate mudding jobs, cher important proposed work) 7. 1958. It 678' and cemented to surface with 32 calcium chloride with 1/h/ seal flake possing at 1/170'. Cemented with 1000 th 2% gel, 2% cal. chloride and 1/h/ spipe at 1/18'. Tested cement job with 3%. Writing by the Geological Survey before operations may be commenced.	er ex
30-58 Spudded September 2 10-3/h* OD hO.5# 3-55 MSS Casing at regular cement plus 2% gel and 2% of lock. 2-19-58 128 joints 7-5/8* OD hO.5# J-55 MSS Casing at regular cement plus 2% gel and 2% of lock. 2-19-58 128 joints 7-5/8* OD hO.5# J-55 MSS Casing at regular cement plus 2% gel and 2% of lock. 2-19-58 128 joints 7-5/8* OD hO.5# J-55 MSS Casing at regular cement plus 2% gel and 2% of lock. 2-19-58 128 joints 7-5/8* OD hO.5# J-55 MSS Casing at regular cement plus 2% gel and 2% of lock. 2-19-58 129 joints 7-5/8* OD hO.5# J-55 MSS Casing at regular cement plus 2% gel and 2% of lock. 2-19-58 129 joints 7-5/8* OD hO.5# J-55 MSS Casing at regular cement plus 2% gel and 2% of lock. 2-19-58 2-1	s, weights, and lengths of proposed casings; indicate mudding jobs, cher important proposed work) 7. 1958. at 678' and comented to surface with 32 palcium chloride with 1/h/ seal flake positions at 1/h/ seal flake positions at 1/h/ seal flake point 25 gel, 25 cal. chloride and 1/h/ spipe at 1136'. Tested coment job with 36. writing by the Geological Survey before operations may be commenced.	er ex

()	Feb. 1	951)	

Form 9-881 a

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Offic	.Balt	Lake	
Lease No.	Utah	07262	

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		ND REPORTS ON WELLS	
IOTICE OF INTENTION TO DRILL IOTICE OF INTENTION TO CHANGE PL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
OTICE OF INTENTION TO TEST WATE		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
OTICE OF INTENTION TO RE-DRILL O		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
OTICE OF INTENTION TO SHOOT OR		SUBSEQUENT REPORT OF ABANDONMENT	
IOTICE OF INTENTION TO PULL OR A	LIER CASING	SUPPLEMENTARY WELL HISTORY	
IOTICE OF INTENTION TO ABANDON W	VELL		
(INDICAT	E ABOVE BY CHECK MARK	NATURE OF REPORT, NOTICE, OR OTHER DATA)	, 19 58
eral Point USA ll Nol is locate	ed <u>1820</u> ft. from	line and f ft. from F line of se	c 7
(% Sec. and Sec. No.)	26-8 1	B-B 3813 Lake (Range) (Meridian)	
Wildons	Gra	nd Ptah	
(Field)	(County o	r Subdivision) (State or Territory)	
e elevation of the	har above sea lev	rel is _ 5075 _ ft.	
	DETAI	LS OF WORK	
te names of and expected depths to	objective sands; show size	ss, weights, and lengths of proposed casings; indicate mudding ther important proposed work)	jobs, cement-
13-58	ing politie, and air o	important proposed word,	
minutes. Fair blow continued throughout	initially, goo test. Receve	8-1/2'. Tool open one hour, shut i d blow in 10 minutes, fair blow in red 690' highly gas out drilling mu 1 SI 2600, IR 37h3, IF 70, FF 252,	15 minute d and
16-58			
shut in 1/2 hour. O minutes, decreasing salty sulphids water	pened with str alowly to no b . Pressures:	6'. Shut in 1/2 hour for ISIP, open ong blow, decreasing slowly to fair low in 55 minutes. Recovered 5900' IH 3925, ISIP 2650, IF 1000, FF 265 writing by the Geological Survey before operations may be com-	blow in slightly O, FSIP 2
npany The Pare Oil	Сопрану		
dress 1700 Broaden	X		
		By T L Warker	

Title Mivision Chief Production Clark

(Feb. 1951)								

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Offic	. Salt Lake City
Lease No.	Wesh 07262
Unit	
71	12-1-58

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALI'ER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
(INDICATE ABOVE BY CHECK MARK NATUR	E OF REPORT, NOTICE, OR OTHER DATA)
•	November 20, , 1958
ineral Point USA	
ell No is located ft. from {S	line and 660 ft. from line of sec
E/1 Sec. and Sec. No.) (Twp.) (Range)	(Meridian)
Wildow (County or Subdi	vision) (State or Territory)
(Field) (County of Subdi	vision) (State of Territory)
nte names of and expected depths to objective sands; show sizes, weig ing points, and all other im	portant proposed work)

Plan to Plug and Abandon as follows:	
7282' to 7194' - 88' - 20 sacks of 6850' to 6762' - 88' - 20 sacks of	
6550' to 6762' - 85' - 20 marks on 6670' to 6582' - 85' - 20 marks on	
1210' to 1100' - 110' - 25 sacks of	
25' to surface - 25' - 5 sacks of	
Will install well marker according to U	1.D.U.D. REGULARIONS.
Will leave heavy drilling mad between o	coment plugs.
Verbal approval obtained from U.S.G.S.	
I understand that this plan of work must receive approval in writing	
mnony the Bure Att Barrer	
mpany The Pere Cil Company	
ldress1700 Broadway	
MI COO LIGH DEPARTS	
	By I. L. Warburton
hattadeel. natheman	
	Title Division Chief Production Cle

(Feb. 1951)								
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(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office			. •
Lease No.	Utah	0726	2
Unit	······		
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SUNDRY NOTICES AND REPORTS ON WELLS

Well No is located	SUMBRI	NOTICES	AND KE	OKIS ON WELL	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF. NOTICE OF INTENTION TO RE-DRILL OR REPAIR WILL NOTICE OF INTENTION TO SHOULD OR ALIERS. NOTICE OF INTENTION TO PULL OR ALIER CASING. NOTICE OF INTENTION TO	NOTICE OF INTENTION TO DRILL		SUBSEQUE	NT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE. NOTICE OF INTENTION TO ADAMDON WELL (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) NOTICE OF INTENTION TO ADAMDON WELL NOTICE OF INTENTION TO SHOOT OR ADAMDON TO SHOOT OR ADAMDON TO SHOOT OR ADAMDON TO SHOOT OR ADAM OR A	NOTICE OF INTENTION TO CHANGE P	LANS	SUBSEQUE	NT REPORT OF SHOOTING OR ACIDIZING	3
NOTICE OF INTENTION TO SHOOT OR ACIDIZE. NOTICE OF INTENTION TO PULL OR ALER CASING. NOTICE OF INTENTION. NOTICE OF	NOTICE OF INTENTION TO TEST WAT	ER SHUT-OFF	SUBSEQUE	NT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO PULL OR ALIER CASING	NOTICE OF INTENTION TO RE-DRILL	OR REPAIR WELL	SUBSEQUE	NT REPORT OF RE-DRILLING OR REPAIR	
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) Rotember 21,	NOTICE OF INTENTION TO SHOOT OR	ACIDIZE	SUBSEQUE	NT REPORT OF ABANDONMENT	*
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) Repeater 21,	NOTICE OF INTENTION TO PULL OR	ALTER CASING	SUPPLEME	NTARY WELL HISTORY	
Mineral Point USA Well No. 1 is located 1820 ft. from S line and 660 ft. from E line of sec. 7 MEAL SEA Sec. 7 26-8 18-8 Salt Lake (Yuso, Markingour above sea level is 5075 ft. DETAILS OF WORK State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work) 1.0. 7282' (overhor 20, 1958 Well Plugged and Abandoned as follows: 7282' to 719h'- 88'-20 sacks coment. 6550' to 6562'- 88'-20 sacks coment. (Bottom of 7-5/8" OD casing.) 25' to surface - 25'- 5 sacks coment. (Bottom of 7-5/8" OD casing.) Well Marker installed according to U.S.G.S. Regulations. Heavy drilling and between coment plugs. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The Pure Oll Company. Address 1700 Broadesy. Denver 2, Colorado. By Market Installed according to U.S.G.S. Regulations may be commenced.	NOTICE OF INTENTION TO ABANDON	WELL			
Well No. 1 is located 1820 ft. from S line and 650 ft. from E line of sec. 7. ###/# 52/4 500 7 26-8 18-8 (Range) (Meridian) ###/# 52/4 500 7 26-8 (Range) (Meridian) ###/# 52/4 500 7 26-8 (Range) (Meridian) ####/# 52/4 500 7 26-8 (Range) (Meridian) ###################################	(INDICA	TE ABOVE BY CHECK MA	ARK NATURE OF REPO	DRT, NOTICE, OR OTHER DATA)	
Well No. 1 is located 1820 ft. from S line and 660 ft. from S line of sec. 7. Wildoat (Field) (County or Subdivision) (State or Territory) The elevation of the decrease above sea level is 5075 ft. DETAILS OF WORK State names of and expected depths to objective sands; show sizes, weights, and langths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work) 1.0. 7282! (eventor 20, 1958 Well Plugged and Abandoned as fallows: 7282! to 7194!- 88!- 20 sacks coment. 6850: to 6762!- 88!- 20 sacks coment. 6670: to 6502!- 88!- 20 sacks coment. 6220: to 100!-110!-25 sacks coment. 6850: to wurface - 25!- 5 sacks coment. 6850: to wurface - 25!- 5 sacks coment. 750: To surface - 25!- 5 sacks coment. 750: Well Marker installed according to U.S.G.S. Regulations. Heavy drilling and between coment plugs. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The Pure Oil Gompany Address 1700 Broadway. Denver 2, Colorado By Marker 1900.			****	November 24,	, 19.58
County or Subdivision) (State or Territory) (State or Territory)	Mineral Point USA Well No. 1 is locat	ed 1820 ft. fro	$om_{-1}\left\{ S\right\}$ line as	ndft. from $\{E_i\}$ line	of sec
DETAILS OF WORK State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work) 1.D. 7282! Sevenber 20, 1958 Well Plugged and Abandoned as follows: 7282! to 719h!- 88! - 20 sacks coment. 6850! to 6762!- 88! - 20 sacks coment. 6670! to 6582!- 88! - 20 sacks coment. 1210! to 1100! -110! - 25 sacks coment. 1220! to surface - 25! - 5 sacks coment. 1210! to surface - 25! - 5 sacks coment. Well Marker installed according to U.S.G.S. Regulations. Heavy drilling and between coment plugs. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The Pure Oil Company Address 1700 Broadway Denver 2, Colorado By A. L. Warburton	MR/1: 58/1: Sec. 7.	26-8 (Twp.)	18-E (Range)	(Meridian)	
DETAILS OF WORK State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work) 1.D. 7282! Sevenber 20, 1958 Well Plugged and Abandoned as follows: 7282! to 719h!- 88! - 20 sacks coment. 6850! to 6762!- 88! - 20 sacks coment. 6670! to 6582!- 88! - 20 sacks coment. 1210! to 1100! -110! - 25 sacks coment. 1220! to surface - 25! - 5 sacks coment. 1210! to surface - 25! - 5 sacks coment. Well Marker installed according to U.S.G.S. Regulations. Heavy drilling and between coment plugs. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The Pure Oil Company Address 1700 Broadway Denver 2, Colorado By A. L. Warburton	Wildost	f	Grand	75ah	
DETAILS OF WORK State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work) 1.D. 7282' [Ovember 20, 1958] Well Plugged and Abandoned as follows: 7282' to 7194'- 58' - 20 sacks coment. 6650' to 6762'- 88' - 20 sacks coment. 6670' to 6582'- 88' - 20 sacks coment. 1210' to 1100' -110' - 25 sacks coment. (Bottom of 7-5/8" OB casing.) 25' to surface - 25' - 5 sacks coment. (Top of 10-1/4" OB casing.) Well Marker installed according to U.S.O.S. Regulations. Heavy drilling and between coment plugs, I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The Pure Oil Gospany Address 1700 Broadway Denver 2, Colorado By Address T. L. Warburton	(Field)	(Count	ty or Subdivision)	(State or Territor)	ŗ)
Well Plugged and Abandoned as follows: 7282' to 719h'- 88' - 20 stoks coment. 6850' to 6762'- 88' - 20 stoks coment. 6670' to 6582'- 88' - 20 stoks coment. 6210' to 6100' -110' - 25 stoks coment. (Bottom of 7-5/8" OB casing.) 25' to surface - 25' - 5 stoks coment. (Top of 10-3/4" OB casing.) Well Marker installed according to U.S.C.S. Regulations. Heavy drilling mud between coment plugs. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The Pure Oil Gompany Address 1700 Broadway Denver 2, Colorado By Address T. L. Warburton					adding jobs, cement-
Well Plugged and Abandoned as follows: 7282' to 719h'- 88' - 20 sacks coment. 6850' to 6762'- 88' - 20 sacks coment. 6670' to 6582'- 88' - 20 sacks coment. 1210' to 1100' -110' - 25 sacks coment. (Sottom of 7-5/8" OD casing.) 25' to surface - 25' - 5 sacks coment. (Top of 10-3/4" OD casing.) Well Marker installed according to U.S.G.S. Regulations. Heavy drilling and between coment plugs. I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The Pure Oil Company Address 1700 Eroadusy By Address T. L. Warburton	ene lens.				
Heavy drilling and between coment plugs, I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The Pure Oil Company Address 1760 Broadney By Halander L. Warburton	7282' to 719k'- 8 6850' to 6762'- 8 6670' to 6582'- 8 4210' to 4100' -11	8' - 20 stoks 8' - 20 stoks 8' - 20 stoks 0' - 25 stoks	coment. coment. coment.		
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced. Company The Pure Oil Company Address 1700 Broadway By Landerstand To Le Warburton	Well Marker instal	led according	to U.S.G.S	. Regulations.	
Address 1700 Broadway Denver 2, Coloredo By Handales T. L. Warburton	Heavy drilling mud	between come	nt plugs.		
Denver 2, Coloredo By Hankerton	I understand that this plan of work	must receive approval	in writing by the G	cological Survey before operations may	be commenced.
Denver 2, Coloredo By Hanhanter T. L. Warburton	Company The Pure 011	Company			
T. L. Warburton	Address1760 Broadus	7	- -		
To Lo Warpurton Title Wartetan Chief Pandanidan Ma	Denver 2, Co	Lorado		By H. Chan	hurber.
			•	To be Warourton Title Division Onto 2	oduotien Ma

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER Utah 07262
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

	State	Uta	ıh		Ca	ounty	Grand	L	Fiel	'd	Wildcat		12-31
												drilling and	
												25	-
	Agent's	addi	·ess	170	O Bro	adway			Com	ipany	The Pure	Oil Compan	ngy
		Denver 2, Colorado											
	Phone			_AM	erst.	6-3331			Ager	nt's title	Division	n Chief Pro	duction Cle
;	SEC, AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Fr. of (In thousan	GAS	GALLONS OF GASOLINE RECOVERED	WATER (If	(If drilling, depth; date and result of content	ARKS if shut down, cause; f test for gasoline of gas)
NE ¹	SE ¹	265	181	7		Drilled	5060 t	ta 6068	51	Wallish	unton De	r No. 1, 68	
	e. 7	Poin	t us			to 6968. blow initiminutes, gas cut of 143, to 7086' 1/2 hour with streaminutes, Recovered IH 3925, Drilled	tially contiderilli. IF 70. Hall for I cong blue decreal 5900. ISIP 17086. Igged as	ool oper, good had been mud a few constants of the constant of the constants of the constants of the constant of the cons	one of the control of	s hour, in 10 nout te sulphur i 3743, i No. 3 one hou ing slow to no salty s otal de i 11-20	shut in minutes, st. Recovater. FSI 2322, 6978' in shut in ulphide to 2650, FSI 2450,	2. Drilled to 7086.	in 15 highly ISI 2600, 6968.5 Shut in S. Opened 130 S. essures: 13905. logs.

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold cu. ft. of gas sold runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

THE PURE OIL COMPANY

GENERAL OFFICES, 35 EAST WACKER DRIVE, CHICAGO.

ROCKY MOUNTAIN PRODUCING DIVISION 1700 BROADWAY DENVER 2. COLORADO

December 17, 1958

Mr. Cleon B. Feight Secretary Utah Oil & Gas Conservation Commission Room 140 - State Capitol Building Salt Lake City, Utah

Dear Mr. Feight:

Enclosed are the following records pertaining to

Mineral Point USA, Well No. 1-Sec. 7-26-S-18-E, Grand County, Utah.

- 1. Form No. 9-330, Log of Oil or Gas Well.
- 2. One copy Lane Wells Radioactivity Log.
- 3. One copy Schlumberger MicroLaterolog.
- 4. One copy Schlumberger Laterolog.
- 5. One copy Geological Sample log.

If there is any other information you desire on this Well, please advise.

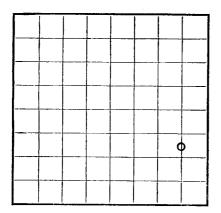
Yours very truly

T. L. Warburton

Division Chief Production Clerk

TLW:ap

Enclosure



U. S. LAND OFFICE Salt Lake
Sernal Number Utah 07262
LEASE OR PERMIT TO PROSPECT

UNITED STATES OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Leggar							s1700 Broadwa Wildoat			
Miner	al Point	USA	г имын Г а £а о	1 Q15 3.4	onidia	. Colt	Lake Co	13681	Crend	**********
vven n	0, <u>.t</u>	et [N.] of	1. 20 8 N.	. 105 . W.	eridia. 2. Dr	of B	Line of ME SE,	cos 7	U.T.	50751
		uon given n letermined fi					t record of the v	vell and a	ll work ()	done thereon
						l	the	ub	u	ay
Date	December	11, 1958					Title Div	rision (hief P	roduction
Th	e summar	y on this pa	ge is for t	he condi	tion o	f the well	at above date.			
Commo	enced drilli	ing -Sep	tember-	27 ,,]	9-58	_ Finish	ed drilling	Novembe	r 19,	, 19. 58
			OI	L OR G	AS S	ANDS O	R ZONES			
	•				•	gas by G)				
•		None				•	from			
,							from			
No. 3,	from		_ to			No. 6,	from	t	O	************
			I	MPORT	ANT		SANDS			
No. 1,	from	6978	to	7086		No. 3,	from	t	0	
No. 2,	from		_ to			No. 4,	from	t	G	
				CA	SING	RECOR	R D			No constant to the Agentian section of the section of the constant of the cons
Size casing	Weight per foot	Threads per inch	Make	Amount	Ki	nd of shoe	Cut and pulled from		rated	Purpese
								From	To-	Cemented
3/4	13:5	or bridges were 9=15	purm'to te	et 104 4444	er, stat	e kind of n	as been dynamited, naterial used, positi	on, and res	ults of pun	opi cements o
~##########	e-rossons -16	F-4 80 WOLK 31	0 -118 -F 06 4H6	}• ++ +++++		RATE CHARE	e s mado m-the casi	ng. ot ate-it	H++- and H	- any casing wa
It	s of the gre	afest importan					fl. Please state in		ates of red	Irilling, togethe
			H	STORY	OF.	OIL OR	GAS WELL	1048(104-5	U. S. GOVERNA	ARMI PRINTING OFFICE
			MUDD	ING AN	ID C	EMENTI	NG RECORD			
Size casing	Where set	Numb	er sacks of ce	ment	Me	thod used	Mud gravity	A	mount of n	aud used
Casing									·	
0-3/4	678	1	320 B			iburton				
7-7/8	4170		1000 s	X.	Mall	i bur t on				
Haavin	o nluo—M	[aterial				D ADAP		Donth go	L .	
	rs-Mater		ž		_	Ī		терш se	V	
Adonto		121.1			Size					

246 Lime and dolomite.

TO SPECIFICATE PROTECTION OF THE PROPERTY

W

OLD MARK

FORMATION RECORD—Continued

FROM-	то-	TOTAL VEET	FORMATION
ore to, 1	6925 to 6	5950' Cut 25' R	lee. 254 (Barrel Jammed.)
211 - Ligh	t gray dense	lime.	Sychological State
41 - Dolo	mite, dark g	ray, bottem 1-1/	2 bleeding light green oil and gas, very
ja ja porc	us.		Light Wo. A - See Felters vide.
ora No. 2	6000	061 04 31 0	Same and Same see
			ec. 14 (Barrel jammed.)
Strong Strong	sity, ho flu	gray, iin e riin, or	fractured, black sulfide residue, slight PP
37 hiDolo	mite, light	gray to gray, fi	no Iln. PP Peresity, good odor, slight fluor
्रेड्डि frac	tured with b	lack residue, fa	de YIGor.
6J - Dolo	mite, gray,	fine xla, fair t	o cood PF Perceity, to vuggy Porosity, bleedin
gas	THE PLOKE OF	1.31	
Not	e: Lating g	ood saturation,	looks, vet.
ore Ne. 3	6964 160 69	68.5' Cut 1.5'	Rec. 3-3/4! (Barrel jammed.)
manuficial property and the second	Dolomite. li	ght grav. Sine x	log good Proping black sulfide residue
3831	pleeding sal	ty sulfun water,	plightublecding oil and gas, random fractures
अवस्त	bleeding oil	, gas and mater.	Spekit, suche and Class.
3. 1	48000	1591	CANTA TOWN SAME OF CHARLES
ore ale	6078 . 40 70	241 CHA KRI DA	
		36 Cu 58 Re	C 150 1 2 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5 Dolo	nite, Medium	36 Cut 58 Re	nee, fair to good pinpoint vugular porceity.
5104 Dolo	nite, Medium	36 Cut 58 Re	nes, fair to good pinpoint vugular porceity.
51 - Dolo 51 - resi 151 - Dolo	nite, Medium ht sulphur o due. Sela nite, light	36 Cut 56 Re xin, fine to ded dor on fresh bre gray to gray, fin	nes, fair to good pinpoint vugular porceity, at Random Fractures filled with black sulphing kin, dense, fair pinpoint porceity with
5 Dolo 5 Slig resi 15 - Dolo blac	nite, medium ht sulphur o due. San nite, light residue, s	36 Cut 56 Re xin, fine to de dor on fresh bre gray to gray, finulphur odor on fi	nes, fair to good pinpoint vugular porceity, akt. Random fractures filled with black sulphing kin, dense, fair pinpoint porosity with resh break, looks wet.
51 - Dolo 51 - Slig resi 15' - Dolo blac 5' - Dolo	nite, medium ht sulphur o due. Sociate, nite, light k residue, s nite, browni	36 Cut 56 Re xin, fine to de dor on fresh bre gray to gray, fine xin sh gray, fine xin	nes, fair to good pinpoint vugular porceity, ak. Random fractures filled with black sulphine xln, dense, fair pinpoint porosity with resh break, looks wet.
51 Polo 51 slig resi 15' - Dolo blac 5' - Polo 18' - Dolo poro	nite, Medium ht sulphur o due. Some nite, light k residue, s nite, browni nite, light sity, black	36 Cut 56 Re xin, fine to dec dor on fresh bre gray to gray, fin ulphur odor on fi sh gray, fine xi gray to gray, fine residue in porosi	nee, fair to good pinpoint vugular porceity, ak. Random Fractures filled with black sulphine kin, dense, fair pinpoint porceity with resh break, looks wet. n, tight to fair pinpoint porceity. ne kin to coarse kin, fine pinpoint vugular.
51 - Dolo blac 5' - Dolo 18' - Dolo poro irre	nite, bedium ht sulphur o due. Some nite, light k residue, s nite, browni nite, light sity, black gular hairli	36 Cut 56 Re xin, fine to dec dor on fresh bre gray to gray, fin ulphur odor on fi sh gray, fine xi gray to gray, fin residue in porosi ne fractures.	nee, fair to good pinpoint vugular porceity, at Random Fractures filled with black sulphing the kin, dense, fair pinpoint porosity with resh break, looks wet. In tight to fair pinpoint porosity. The kin to coarse kin, fine pinpoint vugular ity, sulphur odor, looks wet, tastes salty,
51 Polo 51 slig resi 15' - Dolo blac 5' - Dolo 13' - Dolo poro irre 7' - Dolo	nite, bedium ht sulphur o due. 580 nite, light k residue, s nite, browni nite, light sity, black gular hairli nite, light	36 Cut 56 Re xin, fine to dec dor on fresh bre gray to gray, fin ulphur odor on fi sh gray, fine xi gray to gray, fin residue in porosi ne fractures. gray, fine to den	nee, fair to good pinpoint vugular porceity, ak. Random Fractures filled with black sulphine kin, dense, fair pinpoint porceity with resh break, looks wet. n, tight to fair pinpoint porceity. ne kin to coarse kin, fine pinpoint vugular, ity, sulphur odor, looks wet, tastes salty,
5 Dolo 5 Slig resi 15' - Dolo blac 5' - Dolo poro irre 7' - Dolo in p	nite, medium ht sulphur o due. Sala nite, light residue, s nite, browni nite, light sity, black sular hairli nite, light prosity, sul	36 Cut 56 Re xin, fine to dec dor on fresh bre gray to gray, fin ulphur odor on fi sh gray, fine xi gray to gray, fin residue in porosi ne fractures. gray, fine to den	nee, fair to good pinpoint vugular porceity, at Random Fractures filled with black sulphine kin, dense, fair pinpoint porosity with resh break, looks wet. n. tight to fair pinpoint porosity. ne kin to coarse kin, fine pinpoint vugular, ity, sulphur odor, looks wet, tastes salty,
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51 Polo 5 slig resi 15' - Dolo blac 5' - Polo poro irre 7' - Dolo in p 8* - No r	nite, medium ht sulphur o due. 5% nite, light residue, s nite, browni nite, light sity, black cular hairli nite, light crosity, sul	36 Cut 56 Re xin, fine to dec dor on fresh bre gray to gray, fin ulphur odor on fi sh gray, fine xi gray to gray, fin residue in porosi ne fractures. gray, fine to dec phur odor on fre	Random Fractures filled with black sulphine kin, dense, fair pinnoint perosity with resh break, looks wet. In tight to fair pinnoint perosity. In the kin to coarse kin, fine pinnoint vugular, ity, sulphur oder, looks wet, tastes salty, as kin, fine pinnoint perosity, black residue sh break, tastes salty, looks wet.
51 Polo 51 slig resi 15' - Dolo blac 5' - Dolo poro irre 7' - Dolo in p 8* - No r	nite, medium ht sulphur o due. 586 nite, light k residue, s nite, browni nite, light sity, black sular hairli nite, light crosity, sul ecovery.	36 Cut 56 Re xin, fine to de dor on fresh bre gray to gray, fine xingray to gray, fine xingray to gray, fine fractures. gray, fine to de phur odor on freshur odor od freshur odor od freshur odor od freshur odor od freshur	nee, fair to good pinpoint vugular poresity, at Random Fractures filled with black sulphine kin, dense, fair pinpoint porosity with resh break, looks wet. n. tight to fair pinpoint porosity. ne kin to coarse kin, fine pinpoint vugular, ity, sulphur odor, hooks wet, tastes salty, ase kin, fine pinpoint porosity, black residue sh break, tastes salty, looks wet.
5 Dolo 5 slig resi 15' - Dolo blac 5' - Dolo poro irre 7' - Dolo in p 8* - No re	nite, medium ht sulphur o due. 584 nite, light c residue, s nite, browni nite, light sity, black cular hairli nite, light crosity, sul	36 Cut 56 Re xin, fine to de dor on fresh bre gray to gray, fine xingray to gray, fine xingray to gray, fine fractures. gray, fine to de phur odor on freshur odor od freshur odor od freshur odor od freshur odor od freshur	nee, fair to good pinpoint vugular poresity, ak. Random fractures filled with black sulphine xln, dense, fair pinpoint porosity with resh break, looks wet. n. tight to fair pinpoint porosity. ne xln to coarse xln, fine pinpoint vugular, ity, sulphur odor, hooks wet, tastes salty, nee xln, fine pinpoint porosity, black residue sh break, tastes salty, looks wet.
5 Dolo 5 Slig resi 15 - Dolo blac 5 - Dolo poro irre 7 - Dolo in p 8 - No re APORTANT Ma	nite, medium ht sulphur o due. Sanite, light residue, s nite, browni nite, light sity, black rular hairli nite, light covery. KERS 530' 881' 11,95'	36 Cut 56 Re xin, fine to de dor on fresh bre gray to gray, fine xingray to gray, fine xingray to gray, fine fractures. gray, fine to de phur odor on freshur odor od freshur odor od freshur odor od freshur odor od freshur od fre	nee, fair to good pinpoint vugular poresity, akt. Random Fractures filled with black sulphine kin, dense, fair pinpoint porosity with resh break, looks wet. In tight to fair pinpoint porosity. In the to coarse kin, fine pinpoint vugular, ity, sulphur odor, hooks wet, tastes salty, In se kin, fine pinpoint porosity, black residue sh break, tastes salty, looks wet.
5 Dolo 5 Slig resi 15' - Dolo blac 5' - Dolo poro irre 7' - Dolo in p 8* - No re APORTANT MA	nite, medium ht sulphur o due. Sanite, light residue, s nite, browni nite, light sity, black rular hairli nite, light brosity, sul ecovery. KER: 530' 881' 1495' 4129'	36 Cut 56 Re xin, fine to ded dor on fresh bre gray to gray, fin ulphur odor on fi sh gray, fine xi gray to gray, fin residue in porosi ne fractures. gray, fine to de phur odor on fre	nee, fair to good pinpoint vugular porceity, ak. Random fractures filled with black sulphing xln, dense, fair pinpoint porosity with resh break, looks wet. n. tight to fair pinpoint porosity. ne xln to coarse xln, fine pinpoint vugular, ity, sulphur odor, looks wet, tastes salty, nee xln, fine pinpoint porosity, black residues h break, tastes salty, looks wet.
51 Polo 5 slig resi 15' - Dolo blac 5' - Polo poro irre 7' - Dolo in p 8* - No r	nite, medium ht sulphur o due. Sanite, light residue, s nite, browni nite, light sity, black rular hairli nite, light brosity, sul ecovery. KER: 530' 881' 1195' 1129'	36 Cut 56 Re xin, fine to ded dor on fresh bre gray to gray, fin ulphur odor on fi sh gray, fine xi gray to gray, fin residue in porosi ne fractures. gray, fine to de phur odor on fre	nee, fair to good pinpoint vugular poresity, at Random Fractures filled with black sulphine kin, dense, fair pinpoint perosity with resh break, looks wet. In tight to fair pinpoint perosity. In tight to fair pinpoint perosity. In a sulphur oder, hooks wet, tastes salty, In the kin, fine pinpoint perosity, black residue sh break, tastes salty, looks wet.

One section of the se

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MINERAL POINT USA #1

Section 7, T. 268., R. 188.

1880' FSL & 600' FEL

GRAND COUNTY, UTAH

SPUDDED SEPTEMBER ST, 1958

COMPLETED NOVEMBER 20, 1968

SAMPLE ANALYSIS BY FARTER W. MERRILL & JOHN V. MATERIE



PORMATION TOPS

Formation	Sample Top	Electric Log Top	Datus
Kayen te	Spud		
Wingate	250	240	4882
Chinle	550	550	£1542
Moenkepi	840	881	4197
Permise White Rim	1510	1495	A1577
	2267 .	2280	42812
Shafer Limestene	2720	2720	42852
liermess.	4185	4129	¥ 943
Salt Tep		6638	-1566
Salt Base	6687	4040	200
Molas			-1783
Mississippiss	6810	6805	
Ouray	7263	7267	-2195
Total Depth	7282	7286	-2214

	Sa mistoce, white, translagent, pink, medium to fine grain, sub-angular ant-rounded, calcareous cement. Shale, light brown to light red oron.
A Comment of the	Sandstone, white, fine grain, sub-rounded. Orose sample colorshim.
500 - 300	As above; gross ample color light energe brown, typical wingste color,
- X)	Sandstone, as above Shale and siltstone, purple and marcon, at categois.
47.	Shale and wiltstone, purple, seroon, brown w/some missoeous.
	Wingate 250 / 4862 5067 BF(1) Ohinle 550 / 4517
	Spud 27 Sept. 1958 @ 4:00 P. M. Drilled 701' HP 13-3/4 hole Water @ 522' Set 10-3/4 @ 678.7 w/320 regular en 9/30/58 Will dwill out w/air and water 10/2/58.
S. S. Marine	Sandstone, fine-very fine, grain, white to baff. Shale, orange. (Dr 112) with air, 2000 cu. ft. bol. 45 lb/square in, pressure, 43,000 bit st.)
	Shale, purple, micaceeds.
	Shale, light purple to gray, micaceous
1774-710	Shale, light erange, purple, mieaceous.
1327-730	Shale, and sandstone, as above, becoming buff.
150-760	As abeve, buff,
700-730	Mule, grey, miesceous. 1}° e 761
760-790	Shale, gray, aleacoous, unter wet.
797-700	Shale, gray, misacosus; sendstone, orange; very fine grain; at trace of a dark purple.
~>C-510	Shale, orange, brown, w/some purple shale, a trace of sandstone; very file. grained. Hounkopi 800'
10-20	Sardstone, buff, missessus, fine grain.
	Sandstone, as above. (Slightly wet sand, had trouble keeping holding thru sand).
3. 1.	Sandstone as above w/trees of shale, grey and purples
-450	Sandstone, buff, misasses, fine grain; shale, orange, brown, were much con-
*:360	Sendstone, medium gradus puller examps to peller brown, sub-rounded; cort.
390	Shale, thoselate brooms a trace of matterial large and gualine, a trace of

	Masin(sample.
e San Option	Shale, chosclate brown.
res D	Shale, orange, choselate breen, misacsotta,
	Shale, deep shooolate brown; misseeous, w/topes of gopsus, white, soft, granular.
100 NO	Shale; orange, choselate brown, micaceous.
	Shale, orange brown, misacecas.
	Stale, dark shocelate brown, micaceous, w/trace of gypsum and amydrite (%)
THE SHAPE STATES	Shale, orange, brown, misaceous.
A Committee of the comm	Shale, light green, to gray, green, some mottled, orange brown, misacesses,
	Shale, light gray, green, micaceous; siltstone, light gray, green, significant a trace of sandstone, very fine grain, rounded, white to tan. Shope test @ 1109!
	Shale and sandstone, cross sample, slightly yellow gray green.
170-1150	Shale, gray to very fine sand grains.
15. 45.20	Shale, gray to light gray-green.
1025-1270	Shale, light gray-brown to tan, micaseous; miltatone, tan.
33-1240	Shele-editatone, erega, tan.
740-1200 D	Shale, light orange, brown.
activity.	Shale, light orange, chocelate brown.
1,340	Shale, light erange-brown, w/some miltetone, light erange, brown, micacenter Slope test @ 1328 120
-1570	As above w/some dark gray shals. White rim 135017
3.04.350	Shale and siltstone, light orange, brown, w/trace of gypsum and deer ret- brown, arkosis siltstone.
ا 10ساس	Shale, and siltstone, as above, becoming more checolate brown,
11.50	(Mad considerable trouble getting out of hale, tight spot around 900%, morehopt sandstone 6 \$10-850 probably making water.) Hade 50% of hele spill trying to dry up hale, no samples, no returns, drilling time cratic and incorpresentative of interval) Started injecting water and scap 6 1:36 At on a databer, 1958. The connection made and 16701 had 2% of fill up but required 450 lbs of procure, air, to regain streakstian, estimate that we are making about as much water from the hole as we are adding, injecting 10-15 bills, getting back 2% 30 bbls.

find no sand in

Missing sample.

.

March Str.

STARTER

Siltatone, marcon to brown, microsone, mile motiled w/light caldstone, white to buff, medium grain, sub-rounded, calcarons, & 1 large pink quartaite grains; shale, marcon, microsone. (Added make spap, 10 to 15 bbls per hour)

2000 vol.
190-200 pro-

- Siltstone and shale as above.
- grain, w/pink grains sub-rounded and ventifact; sandstone, white grain to large grain, sub-rounded.
- Sandstone, pink to erange, medium to fine grained, rounded to sur-rounded to sur-
- Sandstone as above; siltstone and shale, marson, misaccone, arkosic.
 - Shale, gray, mottled ochre; shale, purple; siltstone, marcon.
- Sandstone, white, medium grain, sub-rounded to sub-angular. (95% of sand loose sand grains)
- Sandstone as above; shale, purple to gray; miltstone, marcon, micaceous,
- Sandstone, as above; shale, purple and gray; shale, light green, waxy; it -
- Sandstone, white, medium grain, sub-rounded (sample 95% loose sand); with a maroom, gray, dark brown.
- Sandstone, white, medium grain, sub-rounded. (sample 98% loose sand).
- Sandstone as above; shale, gray to waxy green and shale, red to margon, micaceous.
- Sandstone, white, medium grain, sub-rounded (sample 95% lease sand)
- Sandstone, as above; shale, deep purple to black, waxy, and shale, light waxy; shale, rounded, marcon, micascous. Streight Hole @ 1565 1-3/2
- 679-1690 As above, shale increased.
- As above, shale increased.
- gray, manufa, microsope) shale, light green, waxy; shale, purple,
- Sandstone as above; condetene, light orange to ealmon, (ine grain) etal.
- 36-2750 Sandstope and shale as above.
- 73 -1750 Silterton, red, brugs, alexandre, esterie.

194 4 ****	Siltatone and shale, red, brown, micaceous, arkering shale, gray, gray, and purple waxys sandatone, white to erange brown, fine grained; a trace very large frosted, sub-seconded to recal quarter to grains. (Becreasing water injections to 3 vils our hards
	bole making 60 bbls per hour, est.)
Company of the second	Siltstone, red to mareen, miceocons, arkosis,
A Company of the Comp	Shale, marcon, chocolate brown, very missoeces, sendy; siltstone, red, brown, micaceous, arkosie.
12/2-12/30	Siltetone and shale as above.
304360	Siltstone and shale as above w/some shale gray, waxy,
-1.900	Shele, orange brown, to chocolate brown, sandy, very misaceous.
-1.71.0	Siltstone and shale, red brown, very misaceous, arkonic.
40-1970	Sandstone, red, orange, micaceous and arkoeic, angular; sand grains, five to very fine grained; shale as above. Straight Hele Survey & 1945 200
910-1990	Shale, red brown to gray, some waxy, misaceous; miltatens, red, orange, misaceous, arkosis; sandstone, red orange, fine to very fine grained, killing grains, misaceous and arkosid.
992000	Shale, red brown, sandy, missocous, arkosic; siltstene as above.
000 -2010	Missing sample.
⊙;0 -2030	Siltatone, red, brown, micaceous, arkosie; sandstone, white to light green, medium to fine grained, micaceous; shale, red, brown, light green, micaceous; mottled white and creem.
03)-2050	Sandstone, white, medium to large grained, angular; many large clear quarte to grains; siltstone, red brown, missosous, arkosis; shale, red-brown.
∴∳ः -2 ं60 ं	Sandstone, white to eream, large grained, angular, w/inclusions of salum quartzite grains, well rounded and large pieces of feldspar.
1070 -2079	Sandstone as above; siltetone, white to light green, very misaceous, and a shale, red-marson, chosolate brown, misaceous.
.773-23 80	Biltstone, red-exemps, very missosoms, arbests.
ः १० –२०९०	Siltatone as above, becoming light green and sendy sandstone, white, large grained, angular, automic.
90 -2100	Siltetone, dark brown to block, microsome, calcarects; shalls, light first, microsome, calcarects.
2100 -2110	Miltotone, red-bound, articula, udosaponeri abala, ligut gray in place (186), silvy princessor, articulas
1120 0120	

80 80 M SS	Siltetone, red, brown, misaceous, arkosis; shale, light green, very sadd a misaceous.
	Sanistone, orange brown, sub-angular, micascous, arkosic, fine greated (sup as laces grains).
170	
11 12 21 21	Sandstone, white-baff, medium to fine grained, sub-angular, wicaceous.
N. 87-4130	Miltstone, red brown; light green and buff, missecous, arkosto; shale, dark brown and red brown, missecous, sandy.
242-2310	As above; w/whole, dark to light groun, mottled, white, soft to alightly have warre
1 -22 20	Sandstone, white emmented, orange to transparent, large grain, angular, are nicaceous; siltstone, red brown, brown, dark gray, misuceous.
3320-83140	Sandstone, orange, rad, medium to fine grained, some micaceous.
2040 -2250	Siltstone, orange-red-brown, micaceous, arkosic; sandstone, medium to lainte grain, transparent grains loose in sample.
22.0 -2260	Sandstone, orange, red, medium to fine grain, angular to sub-angular; silteratone and shale as above.
2260-2270	Limestone, white to tan, some alightly sendy. Shafer Ls. 2267
2270-2280	Limestone as above; shale, dark chocolate brown, misaseous.
2230-2290	Shale as above; ciltatene, crange, red, misaccous, angular, arkoning.
2290-2300	Bale, red brenn to deep brown, purple, waxy.
	White Rim 1510 Moenkopt 8k0 Shafer Le. 2257 1901 high to becknot on shafer Le. 1058 low to Big Flat \$1.
2300-2310	Silictore, desk gray, missesous, hard; limestone, white to gray, very fills, structure, the structure, dark and brown to gray, missesous.
2310-2320	As above, beaming more limey.
2320-2330	Limestone, tem, brown, gray, areasessum, very silicones, w/inclusions of tart to brown short, spec delegities
2330-2340	Experience, or always, because more black and mody dominants strain, their red bracks also areas.
2340-2350	Balle, dark and professional sections and the section of the secti
2350-2360	State of Court House Mark Court of Court House States and States a
23(0-2370	Maring

	Siltatone, white to dark gray, micaceous; limestone, dark gray, closes hard, arenaceous; sandstone, white, orange, medium to fine grain, minaceous;
38-370	Limestone, white, soft, arenaceous; limestone, dark gray-black, arenaceous, scalled cours, micaceous; abundant orinoid stems and fusulinid.
St. M. C.	Siltatone, brange, micaceous; sendstone, orange, maditim to large grained, a mullar to sub-rounded, leose sand grains.
Po (4-2415	Sandstone, orange, red, medium to large grained, very missesous, arkbris, angular grains.
1/21-21/20	Shale, gray-green, some wary, very misassens; miltstens, brown-red brown, micaceous; limestons, ten brown, very fossiliferous.
2440	Siltstone, brown, misassous; shale, dark green, very misassous, very fossil- iferous; limestone, white, tan, brown, some mottled, misassous, fossiliferous.
11114-2150	Shale and siltstone as above; sandstone, red-brown, very fine grained.
24,00-2560	Limestone, white, softs sandstone, orange-brown, to chosolate brown, medited to fine grained, angular to sub-angular, loose grained.
23.1°0 ~21,90	Sandstone, orange, brown to chosolate brown medium to fine grain, angular sub-angular; siltstone, chosolate to orange brown, micaceous, hard.
23%-2500	Sendstone as above; shale, light to dark green, misassous.
JERC-47520	Wissing Suple.
1920 -2930	Shale and siltateme, red brown, micaceous; sandstone, orange-red, micaceous, arkosie, angular.
1530-2540	Miltstone and shale as above.
2540 ~2550	Siltstone and shale as above; sandstone, orange, red, very large grained, rounded.
2 (40-2570	Siltatone and shale as above; shale, dark green, very missosous.
2570 –2580	Shale and miltetene, light to dark green, mismessus, some very very micacon as limestone, white to ten, gray, medium crystalline, slightly arenaceous, only yellow flubressense, no visible porceity, no ext.
2580-2590	Sandatone, white to red cronge, sample is \$95 loome angular medium to large quartuite grains, angular to out-engular; shale, showelets to orange red-browns
590 –2600	Sandartone par elebroj shales, dante to light green, scienceses.
260 -2610 .	Sundantone and all talgets last above,
2620	Silkstone and shall at there; thele, light grown lastnessed w/red shale, the standards.
20-2630	Silverions and mile an Appenies 1972

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	그 그 그는 그는 사람들이 되었다. 그는 이 사람들은 가장에서 얼굴하는 사람들이 되었다면 하는 사람들이 되었다. 그는 사람들이 다른 사람들이 되었다면 하는 것이다.
	Siltstone and shale as above; shale, purple and shale, checoleta ir w.
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	State and siltetone as above; sandations, white to grange brown, sells, grained, sub-rounded; limestone, white-pray, notified salmon and to the state, dark green, misspecus, sandye
7 × 0 m2679	Shale, dark green, red brown, misaceone; siltatone, red brown, misaceone; sandstone, white, medium to large grained, w/orange fleaks and scatter orange grains, sub-reunded.
2/7-2/80	Misaing.
2 × 3 × ₹ 190	Limestone, ten, brown, welive tint, fine erystelline, w/laminations of shale, black, carbonaceus, hard, dense, ne visible porousity; a trace of limestone, red to red brown, very h rgs crystelline, micaceous.
. ~	Limestone and shale as abeve;
21701. -2720	Siltatone, light green, very micaceous; sandstone light green, micaceous, medium to fine grained; shale, light green, micaceous. Straight hole @ 2703 24
2723-2730	Limestone, light gray to buff, ten, fine crystalline, micaceous; shale, to dark gray, micaceous.
273 2740	Shale, dark gray green, some sandy, micacéous; limestone as above; silterante as above; a truce of shale, appears as white porcelain chips.
2740-2750	Sandstone, white, medium grained, sub-rounded; limestone, light gray, flee crystalline, arenaccous, micaccous; shale, dark gray to black, micaccous;
2 53-2760	limestone, light gray, fine crystalline to arenaceous and argillaceous, misaceous, fossiliferous; sandstone, white, medium to fine grain, sometimes to angular.
2760-2780	Sandstone, white, fine grained, very misaceous, sample 95% loose sand are the
2780-2790	Maring supple.
2790-2800	Sandatane as above; limestone, white, ereas, very fine erystelline, arehaverant argillaceous; shale, black, dark gray.
2800 -2810	Siltatone, light gray to green, micaneous; shale, light grape, olive grape, red-brown; limestone, white to dark gray, argillaceous, arenaceous; sandare white, medium to fine grained, angulare
2010-2630	Shale, black to dark gray, not grape and cream, red-brown; sanistons, and the medium to fine grained, angular, lease graine; limestone, gray, tan, time brystalline, arenacesus, argillaceous.
2350 -2850	Limestone, gray to tan, fine erystalline, some aremadebus and artillated to fossiliferous, missesses; shale, dark brown to black, very fine, misses are dolumite, tan, beauty fine exystalline.
2550-2860	Dalant to the above to the feet proper come angeled would enter it is

Sample, white, making grained, angular, micacoous, sample 35% 13 356 pand grains.

Masing sample.

Samistone as above; dalle, dair green-black, micaccous.

- Sandstone as above; shale, red, green, dark to light grape, sottled; linestone, tan brown, well.
- As above w/increased limestone; wiltetone, gray green.
- Limestone, white, fine erystelline, soft, fine erystelline, hard, dense, micaceous; sanistone, white, medium grained, sub-angular, comple 80% loose sand grains, micaceous.
- Sandstone as above; limestone, white, tan, fine erystalline; siltstone, wrong green, micaccous.
- Shale, gray to black, very misaceous; siltstone, white, very misaceous, w/orange, very calcareous,
- Shale, dark gray, very micaceous; siltstens, white, very micaceous,
- Sandstone, white, orange, fine grained; siltstone, white, very micacecus; shale, dark green, very micacecus;
- Limestone, white buff, fine crystalline; shale, red to purple, motified white and olive green, silty; siltstone, green, micaccous.
- Shale, black, dark gray, red-orange, white to buff, none micaceous; limbal dark brown.
- Shale, black, dark gray; limestone, dark brown, sub lithographic, cherty.
- 3000-3010 Siltatone, brown, micaceous.
- 3010-302) Siltstone, brown, misaceous w/inter-bedded limestone; brown, medium prystale.
- limestone, black, very fine crystalline, arenaceous, micaceous; delegate, white, sucrosie, inter-bedded w/limestone, tan, brown; a little crystalline w/dull yellow green flour,
- 3030-3040 No sample.
- Ide-3050 Limestone, tan, brown, fille crystalline, hard, dense, dull yellow flour; dolonite, white sucretie, w/inclusions of tan, brown, orange, cherty; dolonite, brown, fragments are very fossiliferous; dolonite, gray to white, medium to fine crystalline, w/abundant large crystal fragments.
- 350-3000 Limbetone, black, dense, slightly micacoous; limestone, tan, brown, fine crystalline; shale, lavendar, waxy, method, white and brown; chert, but and red, white, pink, ten.

A dinas riebale, black, myseccional

	그 보고 보고 보고 보고 보고 보는 사람들이 되었다. 그 사람들이 되었다.
	limentone, dark tan, orown, medium crystalline w/inclusions of con-
	Drill Data 2950-3:80
e e	Air. Pres. 400 Inj. 6bbls/ar. wtr w/sean (Air.
A grand and the second	Limestone, tan, brown, some fine crystalline, cherty, some very ricestally argillaceous, arenaceous; shale, lavendar, brown, and red brown; chert, tan buff, transparent, opalescense.
	As above w/increase in shale am trace of light green shale.
	As above, becoming dolemite in part.
Paul my Date	Dolomite, tan-brown, cherty, micaceous, hard, dense; limestone, white, well-slightly micaceous, fossiliferous; limestone, white, tan, granular, w/in-clusions of carbonaceous fossils and silicified fossils.
	Shale, black, micaeous and shale, black, typical paradex poker chip; line- stone, white, very fossiliferous, large crystalline, w/dull yellow green flo
	Limestone, white to tan, large crystalline, fossiliferous hash of crimedal stems and colored coral, good pin-point borosity and in crystalline possible.
20.000 3.00 0	Wissing sample. Switches to drlg. w/aer. wtr. @ 3155 using 235 gal/min. wtr. 450 psi @ 2000 w/t. vol.
30 H200	Dolomite, gray, tan, arenaceous, siliceous; a trace of chert, tan, browns
	Dolomite as above; limestone, tan-brown, white, fine crystalline, soits tan, brown.
327-3200	Linestone and dolumite as above; shale, black and brick red, some mottled a green, some waxy and miliceous; chert, ten-cream, transparent.
35.0-3510	Limestone and delegate as above; w/trace of chert, eream.
30214-3220	Limestone and delemite as above. Drilling Data Wt. 50,000 Rpm. 60
10200/280	Missing sample.
7233-3240	Dolomite, tan-gray black, micagoome, willocome.
3250	Dolowite as above, becoming more enlearence.
3250 -3260	"is above.
3245-3270	Dolomite as above; limestone, white event, Large envetalline to sucrose, misassons.
35.12-3580	Linestone, tan-mills and Minarcontin an and an expetalline, micasses at the black of colors of the c

	As abore, Linerious Disputat allocks therity.
*******	Linestonio, brant, ton, intelle opporation, which includions of large tint grains, included, the course of the cou
1705-3820	Sandatuse, shite, makes-the grain, angelor, w/seattered angular large grains of eras pe quarte, offencess, semant, misseastus; libratume, tan, to a medium-prystalline.
3870-5530	Lincotone, chalky white, fine errotalling, softs and a light saluer, at the
3~10~4 5±0	Ligarione, white-brown, fine erystalline, saft, w/desiminated grains of a gular quarts.
124 2-1550	Limestone as above; delemite, dark brown, niescoom.
***-8300	Limestone, ten-brown, white, medium to fine erystelline,
-4370	Sandstone, white, medium to fine grained, missecous, w/continued orange or in female is 95% loose signiar sand grains).
3370 -3380	Identions, tan-brown, white, fine crystalline; shale, black, brown and train alesseous.
8380-8590	Shale, black, microscowe; limestone, white-ten, fine crystalline.
1390-3400	Limestone, white-tan, fine erystelline.
\$400-\$410	Minestone, ten, ereen, white, fine to medium erystalline.
\$410 -542 0	Dolomite, dark brown-black, slightly orkesis and argillaceous, a trace of anhydrite.
\$470-\$480	Belomite, dark brown-black, slight archaecous and ergillaceous, a trace of enhydrite; shale, veried color and nottled, green, red, people, lavence; limestone, white, erosm, fine crystalline, soft.
5450-5440	Limestone, tan, green, medium-large crystalline, very forgiliferone; like- stone, tan, brown, fine to large crystalline, fossiliferone;
3449-3470	Linestone as showe, becoming oborty w/stlineous femotic eliminate and surface example, shiftenesses, become, medium to course grained; solumite, w/sbm.dett.
5470-3480	Limeter, ten-broom, modium-lorge ergetalling, erancement allienters and obsite, missesses
5400-5490	Lineatone, ten brene, medium-large organishing with a penning of 5 last due: to Standard of 5 last due: to
5490-5500	Shele, black, group Limertine of above.
5500 -5510	Sandertone, make, Marinett, C. Barrier, C.
	apower, Light them there is not the same of the same o

\$61 HOSE	Sandstone, light green, white, ten, fine grained, missocous, caiceres;
The state of the s	As above w/shale, block, winnesses.
	Limestone, white, fine oryginalling; minespens; churt in facults.
	Linestone, white, ten, fine erystalline, missecone; shart, ten, forsilifer as sandstone, white, fine grained, missecone; shale, dark gray, light green.
\$100-3500	Limestone, white, creem, fine-medium crystalline, soft; a trice of the chemical
0123-8070	Limestone as above; limestone, brown, ten, medium-large crystalline, miss- cooms; obsert, brown.
2820- 4380	Limestene, tan brown, fine crystalline, hard, dense, fessiliferous; line- stone, white, creen, very fessiliferous, soft, medium-large crystalline to chalky.
\$343 -5 5 90	Sandstone, white, green, medium to fine grained, sub-rounded, calcareous, w/ predeminently silicoous beamsting between grains, slightly missoeous, becoming more salearsous toward bottom.
5.90-3600	Sandstone as above; sandstone, tan, brown, fine-grain, misacooms, calgareses argillaceoms, becoming light green.
7809- 3610	Sandstone as above; limestone, white, soft; shale, red, hard, a trace mice.
8510-56 2 0	Shale, red, missessus; limestone, white, medium-fine erystalline, soft.
8820 ~564 0	Sanistene, white, tan, medium-fine grained, sub-angular to remided, delengthe w/inclusions of very large quartistic grains, frested, misacous, loosely emented.
1640-5850	As above w/trees of red brown shale,
5:53-3670	As above, no shale,
#67 0-3 680	Sandstone as above; delemite, tan, aream, fine grystalline; limestone, tan, aream, fine grystalline.
3680-8890	Idmestane and delemite as above.
5690-5700	Dolomite as above; shale, red-brown, brown; sandstons; dark brown, fine grained, very delemina.
E/00 -3720	Delouite, brown, medium effetalline, hard, dense, w/inclusions of medium to fine greined quarte, amples to sea-magaint and broom chart. Shoulds take a front - 1.5/40 Enduced we, to 25,000 to parelighten hole
3720-3780	As shown, because your expenses and silksome at bottom.
5750~5740	Dolanite as above, a turne of tabulathe friedman or wels fillings lines white, nost, manufacture, product to translation, making attaches whereas whereas pin point possessing.

	Delonite, white-brown, arenepseus, missonous, fine prystalline, later will depote for all forces, appropriately and single forces, dark brown, lavorders
1	Dolonite, gray, tes, madice-large crystalline, tensilliarone, a trace concrety, brown; limestone, ten brown, medium crystalline, shorty indicate ten, fossilifenous,
2.02 -3770	Linestode, ten, brown, medium erystelliber Chert, lan, brown, forekilfor :: Colomito, ten, green, medium erystellime, celitan.
-77%	'As above v/sandstans, white, erobs, sedius grained, editorregue, yerr portemple. Straight hale 9 \$774.7 \$-6/6
**************************************	Linestone, ten, gray, medium erystelline, missessons, very poor sample; a trace of chart, white, ten, gray,
3790-3800	Limestone, chalk white, grading to dark brown to black, saft to medium envetalline, hard, dense, fessiliferous, grinoidal stems, some trace are considerate, ten.
\$900-8910	As above, becoming delemite.
3810-38 20	Limestone and dolomite as above; shale, red-gray, very poor sample.
3880-57 50	Sandstone, white fleeked w/jade green, fine to large grained; sub-angular to angular, a trace of red frosted large grained quartuite calcurages dement, a trace misaceous.
\$750-3040	Shale, black; sendstone, as above; limestone, gray-tan, medium grystaltire slightly arenaceous w/trace of anhydritic inclusions.
3840-3850	Sendstone as above. \$820-\$0'.
8850 -3860	Sandstone; as above grading to arenecesus linestone as above,
	Drilling w/water, cereted, 2,000 ere. 20. air, 240 gal./simmle 875 pei. air pressure.
380 -3870	Sendstone, tem, brown, fleeked w/gross, medium to fing grained, salcarcons, i grading to very areascooms limestone, ten, brown,
5870-5890	Sandstone, as above, becoming missesses; sandstone, white, medium grains, salessesses, angular to sub-angular; ambiguistic, white, soft, cartis, erate to limestene, white, soft, assumptions.
\$-80 -3890	Sandatone as above; embydrite as above; limertene; gray; fire mystellire; feasilifetone.
5H9O- 5900	THE REPORT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO SHAPE THE PERSON NAMED THE PERSON NAMED IN COLUMN TO SHAPE THE PERSON NAMED IN COLUMN TO SHA

Beloutte, to feestlifene

2300-2310

Delegate, dark brown black, erenaceous, hard, dense; limestons, to fine crystalline, feesilifecous, w/inclusions of ten and sale. Limestone, black, waty fine crystalline, whatecome; Limestone, tan, or to - 1 1 / Far fine orystaline to soft, challey, foodlifetees and colitic. Limestone, black-dark gray, fine orystalline, some silicified, some michael cherty, black to tan. Linestone as above w/some becomming ten, femalliferous. Linestone as above; limestone, white, cream, light gray, medium to fine way-stalline, fossiliferone hash, cherty, fair pin point porosity to small vugular porosity, bright yellow favor and out, no visible stain, appears flushed?? .. Limestone as above, \$955-60'; limestone, white, fine crystalline, sucreets. \$341.**-2**000 soft to very siliceous and eberty. Linestone as above; sandstone, white gray, fine grained, sub-rounded, out-4490-8330 careous. Sandstone, white-ten-gray, fine grained, calcareous, grading to limestone, 3.30,-5930 white, very arenaceous. Drilling w/aerated water. 2000 ou. ft. air 0 875 Poi. and 240 gelleon weter/minute. 50,000 lbs. on bit 0 60 Rpm's. Limestone, white, cream, grading to sendstone, white, cream, fine grained, . 31 **~\$**∫\$0€ very oxleareous, fossiliferous, mireidel sheas, Dolomite, tan, brown, fine crystall the, silineous, some aremaceous, w/olksk perbonaceous, fossils and a trace of analydrike inclusions; there, ten, mokey. Dolomite as above; shale, red brown, becoming sandy; miltstone, red brown, 1010-4020 misaceous. Sandatone, white, fine grained, calcareous; abole, dark gray black, allgation 4020-4080 calcareous; delouite, ten-grey, fine erystellise, areasocous, silicacus; chart, tan, analog. Limestone, ten gray, very aremaceous, some #11.corus; chart, tan, mickey. 4040 As above. a 346,4050 Dolomite, tan-brown-gray, fine crystalline, tary arenaceeus, ellipeous ant (080)-4060 oberty; shert, ten brown, suckey; thele, red-lavender; black, hard, some pyritie. As above, shale becoming hematitis. 4010-4070 Drilling wair and maker 2000 oc. ft. sir 8 400 Pal. 50.000 215 gallons minute of under-

Parentie, ten-prom, siliceous, premiongus; abert, ten sause, As Seeves churt, becoming opelescence in part, abundant fra seleite on chert, w/bright yellow fluorescent, no cat, for Dolomite as above and delemite, white, large grained paystalline, & tr lisestone, tan, very arenaceous, grading down to sendetone, brown, the grained, calcareous. -4 Dolonite, dark brown-dark gray, hard, siliceous, arenacecus; shale, comment w/interbeded anhydrite. 313 July 200 Sandstone, white, fine grained, angular, very calcareous to dolumitie, and a shale, dark gray, black, slightly missesous, 1131-4130 Sandstone as above; dolomite and limestone, fine crystalline, soft, service is fine sand size outtings too small to identify as other than carbon based possible anhydrite. 4131-1140 Shale, light green, trace, sample otherwise as above in 4120-3011 Harts TOP SALT 41551 4141-4150 Salt, sample 4145-50 has trace of salt erystales. 615-4172 Salt. Total depth Saturday, 18 October 1958, 41721, 8:50 P.M. Prepare to run 7-5/8 40 lb. pasing to TD, to coment w/1000 sacks 2% Nacla 26 lost circulation material and rel. 27 7 **-4 19**0 Salt, clear, small crystales (with cement), 67.0 mil 20 As above, medium to small crystales. 2.1 -4260 Salt, clear to light ten, medium orystales. Set 7-5/8" @ 4170 IB w/1000 sacks coment. Drilling with Air. RPM Ht 4172-4177 2000 50 4177-4260 10000# 313 -4270 · No sample. 4770-4290 Limestone, dark gray, delemitie, subpositie, shaley, fine orystalline; little anhydrite, white, soft. Shale, dark gray to black, calcaroous; a trace of calcite, white. 1 1 Way 290 As above; a little ambudrite, gray, dense. 11 -4300 A 14 - 15 2 1 1 No smaple. Shale, light grey, very ediservous; some subjecte, white, dense, were. -- 20

(Very gamy se

An plante, walte, soft to gray, comparable to part, selections and little dolontte, dark gray, flow copy at line (very gray, selection)

4260-90 drilling w/sersted salt mitter 4250-4350 drilling w/selt water

						wt.		₽.
			m.					
426(~)		- 0				OCXO		0 0
4280-		8				000		00
4511-		. 8				000		00

4nhydrite, gray to tan, slightly dolomitie, soft, shaley and dolorite brown, very anhydritie, dense.

Dolomite as above; some anhydrite as above.

45.76 Anhydrite, gray-tan-white, dense; come delouite as above; a trace of gray to dark gray.

As above, a trace of shale, black.

57 0-1400 Shale, dark brown to black, very calcureous, silty, soft; some arbitrary

Shale as above, grading to shaley timestone.

4440 Anhydrite, white to gray, gummy to decise; some shale of above,

434 -4450 Shale, dark brown to black, calcareous; some anhydrite, gray to white,

6450-4450 As above and salt.

445 -4480 Salt.

\$100-100 Salt, clear; a trace of shale, hack and brown, a trace gray achymetics.

Salt, clear; a trace of shale, black.

Drilling with salt water

		*	
	Ros	Bit	P.P.
4350-4550	an ·	£0,000#	1500
4 D D () ** 3 D ()	an.i		TOOL

\$150-4570 Salt, colorless; a trace of limestone, gray, sandy.

Sult, clear; a little shale, black; a trace of dolomite, light army, and in

4000-4510 As above, dolonite increased to little.

As above; a trace of anhydrite, white, woft.

4820-4840 Salt, elear to light ten; a trace dolomite, gray, sandy; a trace of the drite, white, soft.

Salt, clear; a little dolumite, gray; andy; a little stale, place,

```
walt, clear, a little delouite, gray, very smidy; a trace of shale, high
              felt, clear; a trace of delimite, gray, saidy; a trace of stale, block,
              Selt, clears, a trace of doloutee, grey, saudy; a trace of shale, black,
             Selt, clear; a little dolomite, gray, sandy; a trees of annydrite, withe.
              soft; a trace of shale, black,
As above, anhydrite incressed to little.
             Salt, clear; a little dolemite, gray, sendy; a little anhydrite, white,
1 mil 35
              soft; a trace of shale, black.
             Salt, elear; a trace of dolomite, gray, sandy; a trace of anhydrite.
60% and 1400
 100
             As above, anhydrite increased to little.
             Salt, elear, a trace of dolemite, gray, sandy; a trace of anhydrite, white,
4950-4980
             soft.
             4550-4950 drilling with salt water.
                 80 Rpm.,
                          12-14.900 bit.
                                              1500 P.P.
4-30-4950
             Salt, clear; a trace of gray dolomite, a trace of anhydrite, gray.
#3. ~€960
             Salt as above; a little delomite, gray, sandy; a trees of shale, black,
12/10/20
             Salt, clear; and dolumite, gray, sandy, anhydritie; some shale, black,
980
             As above; some anhydrite, white, sort.
199-4990
             As above: anhydrite decreased to little.
            Salt, elear; a little dolomite, gray, sandy; a little shale, black,
$990-000
             Salt, clear; a trace of delcuite, gray, sandy, anhydritie; a trace that a
777-5000
             black.
JUST-5300
             Salt, elear.
            Salt, clear; a trace of delemite, grey, sandy, anhydritic.
1990-5100
$200-6110
             An above: trace of black shale.
            Salt, clears a trees of delemite, gray, sandy, anhydritics a trace of making
1220-5120
            black; a trace of mbydrite, white, soft,
長70~5130
            Salt, clear; some delemite, gray, sandy, delemitie; a little shale, black,
はさつったしまし
            As above, a trace of anhydrite, white, sort,
20 -3280
            No sample.
```

15 · 6 · 安·新维亚德人的新亚纳斯亚德亚州区

-13-

Salt, clear, a trees of delamite

12:0-\$170

is more as a trace of orange saits to trace of many data, white the Salt, clears a trace of dolomite, gray, sandy, ambidriting a heade of a yurite, white, seft. As above; animydrite increased to little. Salt, clear; a little manydrite, white, softs a little dolomite, gray, Marie Marie Marie sandy, anhydritie. Salt, clear; a little embydrite, white, soft; a little delemite, gray, among, 10.15 二0.68数 anhydritic. Salt, clear; a trace of delemite, as above; a trace of anhydrite, as sover, 🕒 🕳 ጎይጸርት Salt, clear; a little dolomite, gray, sandy, anhydritie; a little anhydrite. . 4 / mg 2 7 3 white, soft; a trees of black shale. As above: delouite and anhydrite increased, (\$ 14.46 **3** 30 Dolomite; gray, aphydritie; sandy; and anhydrite, white, soft; a little 136-5290 shale, black, Anhydrite, white to gray, soft, very gummy; some dolumite, gray, sandy; CO14-5300 some shale, black, Salt, clear; a little dolomite, gray, sandy, anhydritie; a little shale, -7310 black, fissile. Salt, clear and delemite, as above; some anhydrite, white to gray, soft; 5810-5320 gurny; some shale, black, fissile. Dolomite, gray, anhydritie, sandy, and anhydrite, white-gray, soft; a lit-340 tle black shale; a little salt, clear. Salt, clear to very light gray; a trace of delemite, gray, sandy, unhy--537C dritic; a trace of ambydrite, white, soft. Salt, elear to light erange; a trees of dolumite, gray, sandy, anhydritte; 3400 a trace of shale, Mask, As above, a little salt, white. 04-5**410** As above; crange salt degreesed to very little. -5420 Salt, clear, white to crange; a trope of shale, blacky a trace of delimits, 310 - S450 grey, sandy, anhydridie. Selt, clears a little selt, arm po. 145 -5470 As shore; I wose of stale, black, 0470-0510 Shale, black (Palms on to), poritie, very struct, petroleum odor, looks vot, no Plantament of the Cont.

-12-5**580**

```
Shale, se above; a trace of salt, that,
  1 60 W
                As above; sait, incremed to seem,
                DET #1. 5887-5588 Open 48 minutes. Pair to weak blow of air, decreased weak after 80 minutes, died after 85 minutes; Resovered 110' slightly cont and w/slight reinfow of ail in sample. HPF 80; FFF 80; ISIP (false)
                                        ow of old in ample. 177 50, TFP 50, ISIP(calse)
                1800/15; PSIP 50/80; DER 2005; PAR 2000.
                Shale, black, earbonaccous, very pyritic; good petro eder; a trece of sait.
9190-8840
1 40 -65 50
                Shale, as shove; a little salt, clear.
-5880
               Shale, as above; some salt, clear,
                                                                              P.P.
                5598-5651
                                                                             1000
                5631-5660
                                             80
                                                                             1400
686 -63"0
               Shale, black, earbenaceous, good petre oder; some salt, clear.
 € -5600
               Shale, as above; a little salt, clear.
5°00-5710
               Shale, black, exchanaceus, pyritie, good eder; a little salt, bloar.
S710-5720
               Shale, as above, looks wet; a little salt, clear,
                                        RPH
               Depth
                                                         Bit Wt.
                                                                              P.P.
               5667-5866
                                        68
                                                         te 5000
                                                                              1400
               5685-5688
                                       100
                                                             6000
                                                                              700
               5688-6717
                                       100
                                                         to 6000
                                                                               600
               Streight Hale Surveys with 21° instrument
               Balt, elear, small erystallines that appear to be interbedded with tip
1. 10-5740
               shale; some shale, black, earbonaceous, good oder on front break,
               Sold, object to 14 feb gray, condit organization, in layour stargetal faces on
5740-5770
5770-5790
                                                      to, god ober, ledy vot, no flatgressent.
               Dooth
                                                          BA W.
                                                                            P.P.
               5717-ST07
                                                                            200
               5787-57 B
                                                                           1000
               5781-578
                                                                           1600
```

	since, black, but	onaveous (odor in fresh Dream, n	· (Alionesia
	To sample.			
	Salt, light gray (o elear, s	nall mystales, vent p	tary i manificalities, in a
	Salt, light gray i break.	n eleary	san sints i Albert e dari	miscedes, oder en frast.
	Salt, clear; equ	abele, bl	dak, earbandeeus, good	l petre odor, no Chores-
\$360-0780	de above, w/olack	shale, pyr	itie.	
18.88 -3.390 19.18			mall crystalles, very pous, good odor, no fluo	
::::::::::::::::::::::::::::::::::::::	Salt, clear to Mgb wet, good petro od			lack, carbonaceous, labor
5940-59 40	Salt, clear and sh	ale, black	, carbonaceous, good ed	er, no fluorescent.
1,0% 1-5050	Salt, light gray-o		shele, black, earboned	ecus, looks vet, good
as:3-5270	Salt, clear; seme	shale, bl	ack, serbonacesus, good	· oder .
9°0-5990	As above, shale de	greated to	little.	
5990 JOE O	As above w/trace o	f crange s	alt.	
		RPH	WI BIT	P
	5798-5845 5845-5960 5960-6021	120 150 125	10,000 10 to 14,000 12,000	1,000 1,400 1,400
1026-60 70	Shale, black, carb	macerus,	geod petro oder, ne fin	erossentj looks wett
⊕% -616 0	Shale, black, carb gray, layered w/sm	enaccous, all erysts	good oder, no fineresee les.	eng som salt, light
	6020-6100 125	RM	. 10,000 BIT W	1,100 PP
\$100-6119	Salt, light gray, shale, black, eart		pprints; sale and	e Andrews, little e Andrewska
C110-6120	Salt, light gray to drite, white saft	e electricity State edi	ne block skills, gates ej se flagsagen	Receive, a trees of entry-

chests w, cork gray, dologities, interiors to franciscos; at clear; a little shale, black, carbonapeous; fair mor, As above, shale increased to some, As shove, w/trace of orange salt. 1数一点150 As above, no premee salt. Salt, clear; a trace of shale, black, carbonaceous; fair odor, no financeous; 190 - 1979 Sait, light gray and shale, black, carbonaceous; a trace of milydrita. white, soft; good oder, no fluorescent, looks wet. 6100-6170 125 RFM 10,000 BIT WY 10-1.400 PP Changed from salt water to salt water and 6 6150 10.8%. 34 Visc. Drilling Time Correction Depth Detam Mineral Point 6846 -1278 Federal Bowknet 6665 -1504 BFU-1 6860 7.8 Fill-13890 Shale, black, earbonascous, fair odor; no fluorescent, Shale, black, parbonaceous; and salt, light gray; a trace of aphydrite, -3590 white, soft; good eder; no fluoresemt; looks yet, 33 -3410 Sha e, black, carbonaccous; and salt, white; a trace of orange salt; a trace of limestone, light gray; good eder; ne fluerescent. 6450 Shale, black, carbonaccous; a little salt, clear to gray; a trace of anhydrite, white, soft; looks wet; good oder, no fluorecent. -3460 Salt, light gray, seme shale, black, carbonaccous; a little anhydrite. white, most, 34 m34 70 Salt, light gray; a little whale, black, cerbonaceous, 4.10-04.00 No sample. 6572-6480 125 RM 12,000 BIT W 1.400 PP Depth 6390 6595 6405 6425 Salt, light gray to close, slightly subpersities a lifetic shale, black, 0403-6500 carbonaccous. VE 7 -- 8570 As above; shale, despensed to trace,

Situated prop to clear, advanttio - trade, stitutes at few to a situated at the strate of linear tops, from a passive situated at the strate of linear tops, from a passive situated at the strate of all the strate of all the strates at the strate of all the strates at the strategy at the str

the properties of the property of the first of the first

As a ove, salt and black shale from above.

490-6660	125	RPK	12	000	BIT	1/T	.1	,400 PP
•								
		MOD WY	•	1	ISC			
6495		11,2			58			
6570		11.2			13			
6350		11.1		•	57		•	
.6655		11.1			40	<i>-</i>		

Drilling Time Corr.

20年 美国满户

Mineral	Point	Federal	Rowknot
6638		6906	
5072 XB	* * * * * * * * * * * * * * * * * * * *	5161	
-1585	4.2	-1745	

Shale, black, sarbenaceous, pyrities a little salt, clear; a trace of soule, red-brown, calcareous; a trace of anhydrite, gray, succrosin.

257-3670 Shale, black, carbonaceous, pyritic.

Shale, black, carbonaceous, pyritic; a little salt, clear to prange.

Shale, black, sarbonaceous, pyritic; a trace of anhydrite, gray, successive, slightly delouitie, silty.

Shale, as above and salt, white, clear, a trace of orange salt; a little anhydrite, gray, succrossic and white; a trace of shale, red; silty, all salts calcareous.

8660-81 6681-87		RPM RPM	• 4	0,000	BIT	WT	1,000 P	P P
	. *	MUD	WT	V IS	BG.			
8567		10		• 4	LZ			
6680		10	.0.		12			
6685		10	,1	4	12		* * * * * * * * * * * * * * * * * * * *	
66 87		10	.1	5 4	12	. •		

cap-dago Shale, black, embasseous, weby.pyritic, & trace of siltatone, press of manufacture, white, calliform structure, pyrite incir-

3943705 As above w/trees of subjectite, white, hard, w/electy bends,

7:5-6710 As above; trees of light gray to brein therete

7:0-6715 Shale, black, carbonacous, pyritis; a libtle sabparite, white to gray, in successio, very poor; a trace of silkstane, gray, slightly calcareous; to of salt, clear to broage.

he a beg sobycrite decreased to a trans-

has black, carbonaceous, pyritic; a trace of salt, plear to crambe a trace of saltatone, gray, alighty take presons.

0037-07 0722-67			RPM RPM	55,000 40,000	BIT	W	o pp
MUD	WT		77288				
9397 9708 6 715	10.1 10.1	1	45 44 42				
6722 6740 6744	10.	L L	48				

Shale, black, earbenaceous, very pyritie; a trace of anhydrite, white, who orbsic; a trace of shale, gray, dolonitie.

Shale, black, carbenaceous, pyritie,

Salar Salar

S. Jan 28 8

14 -49769

Shale, black, carbonaceous, pyritic; a little siltatene, gray, slightly delowitie; a trace of anhydrite, white, soft; a trace of salt, orange w/ pyrite inclusions.

As above, very thin salt stringers in black shale.

As above, trace of shale, red-brown.

Shale, black, carbonaceous, pyritiug a little siltatone, gray, slightly dolomitie; a trace of anhydrite, gray to white.

6748-45	90 RM	90,000 BIT WY	1,000 PP
6745-55	90 MPM	40,000 BIT WT	1,000 PP
8755-84.	90 RPM	40,000 BIT VT	200 to 1,000 PP

MUD	WI.	VISC
6745	9.75	66
6750	10.0	75
6760	7.5	150
6770	9.4	80
6782	9.5	68

Shale, black, carbonascous, pyritie; a trace of shale, red; a trace of siltstone, gray, shaly; a trace of anhydrite, gray, soft; some davings; of black shale and salt from above.

Shale, black, pyritis, corbunaceous; a trace of linestone, light gray, fire crystalline; a trace of shale, red; a trace of shipdrite, gray, soit.

fine orystalling to some of the state of the state of the state of shale, rec-brown, a trace of shale, rec-brown, a track of any, that there

As above w/trace of militations, light brown, slightly calcured us.

42

and the second	***	VIS
c768	10.1	49
C789	10.1	48
er: 94	9.8	44
8800	9,0	40
9315	10.1	45
ART G .	10.5	44

Delowite, gray to light gray, fine erystalline, tight; a trace of shale, red; a trace of shart, light brown; shale, black, carbonaccous, pyritte and salt cavings.

As shove; a trace of siltetone, gray, slightly calcareous; no chert,

As above, very poor sample.

As above.

19 June 18 18 18

4-4-45

351 20 5

CHI WI

AQ-1375

5 m - 190

835-1395

Dolomite, light gray to brown-gray, fine crystalline; a trace of limestance, white, fine crystalline; black shale and salt cavings; a trace of cherty suckey to brown.

As above, limestone increased to little.

		REM	BIT WI	$P_{\theta}P_{\bullet}$
8784-6	819	90	48,000	1,000
5819-6		90	40,000	
6837-6	542	90	45,000	
6842-6		7 0	50-40,000	
MUD	WT 4		VISC.	
8827	10.5		48	
6833	10.2		44	
6838	10.5		45	•
6848	10.2		50	
6853	.10,1	٠	47	•

Limestone, white to light gray, fine crystalline to chalky, no fluorescent, no porosity; seme dolumite, light gray, calcareous, dense; a trace of smale, light brown, very calcareous; a little shale, black, carbonaceous, pyriology

As above w/little limestone, light brown, fine-medium crystalline, a little pin point percently, slight stain and fluorescent? We get.

Limestone, light brown to white, fine crystalline to chalky; a little linestone, light brown, fine-medium crystalline; a little pin point porosity; a little shale, black, carbonnesses, pyritie.

1908-6910 No sample.

Linestone, white to buff, fine crystalline to dense to chalky, tight; a little delocite, light hours, silicous; some black shale, carbonaceous, protition

		2
	Sec. LOSE & The Control of the Contr	
	6865-6902 76 45,000 1,000 6868-8905 96 40,000 1,200	
	Description Care #1 8925-6950, out 25', recovered 25'	
	Limentone, light gray, fine ergetalline to desse, tight, the light (bracks), fractured slightly throughout, slight oder or fractal tractars willight oin point poresity. 8 5955 herizonal fracture wislight oin point poresity. 8 5945 stylelite wislette replacement up to 37. 8 6945 1 band of limestone, dark gray, filled wireconstants hash. 8 5944 slight stain on fracture	
	6944-46 broken up core. Connection at 6944'. Polomite, dark gray, dense, tight, stylolitic fracture WASTER World will build building the flacture of the stylolitic fracture of the st	
	Dolomite, dark gray, very good pin point corosity, bleeding the well green oil - streaked oder, good light green-black fluoresquest the gray argstalline, soft, few readon fractures filled w/dolomite, white.	· 教育 () () () () () () () () () () () () ()
-3:-1047	Limestone, light brownish gray, dense to fine crystalline, no fine cast, slight odor on fresh break, no porosity.	
99 82 : -4095 5	As above, fessililiferous - brachioceds.	ğ A
- 10-7 -251	Limestone, light brownish gray, fine-medium erystalline, no fitte that permitty, fossiliferous - brackiopods.	
,-0:-j 9 #	Linestone, as above except fine orystalline to dense.	
22 7988	As above s/black residue on fractures.	S.
: AT \$4.44	Macateur es abore.	
2781- 6255	Abstract, light begands h gray, denie to Einsternstalling tiple. As a light of recent,	
**************************************	An above victoria residen en frestary, altant Managery, Black Colored and Albaria.	***
#:!###	As charte, the statement of the statemen	
• '0 5 0	······································	

Mac- : - no above, secripted land one stat forgotte, classic,

Light, no fluorement.

As above w/s little black residue.

A Street Victory

103 June 1927

As shows w/some bluck residue and white emisits near stylelites, and it was

Limistone, light brownish gray, fine drystalline to dense, tight, no fine accept, fossiliferous.

Limestone, light gray, dense, very tight, few hairline fractures filles wo block residue.

Delemite, brownish grayk dense to fine crystalline, good oder, a little finerescent on fracture sprince.

Dolamite, gray to dark gray, fine crystalline, looks sugary, no visible care to

P.P.

As above and dolomite, dark gray, medium crystalline, very good pin point porosity, bleeding gas and green oil.

3949-8950 Dolomite, porceity as above, fructure 1/8" wide filled w/white dolomite, bleeding gas and oil as above.

6925-6942	70	14,000	· 8 50	
6942-6950	70	14,000 14/18,000	900	
TW GUM	•	VISC.		

BIT WI

6925 10.5 40 6935 10.4 57 6938 10.4 58 6948 10.2 48

RM

DEPTH

Generalised core description Core #2 6950-6964, ext 14', recovered 14'.

5' Dolomite, light gray, fine crystalline to dense, calcareous, random fracture and stylelites w/black sulphur residue, no fluoressent, alipht pin point peresity.

Deviation survey @ 6902' # 50

5. Dolomite, light gray to gray, fine crystalline to dense, slightly balearons, fair pin point poromity, good oder, slight fluorescent, random fracture w/black salphur residue and fair fluorescent sdar.

Delemite, gray, fine expetabline to dense, fair to good perceit, wareless and pin point, blacking gas and brown oil, beirline freeture w/black sulphur residue. Good financecent, vagular up to f disaster. Surface appears to be total not in part.

Dolamite, light gray, fine-medium crystalling, calcuropus, black sulphur residue in frequest surface that has fair figurescent, ne perceity.

1961-6952 As above, so compare,

950-0951

es obove, crinaid fossiliferous replaced w/shite esteur-num.

As above w/heirling fracture with black sulpher restaus.

As above, no fracture.

Dolomite, as above, random fractures w/black residue conting, crinold re-

Delomite as above, no fracture, no fossiliferous, no finorescent.

Bolomite, light gray, fine crystalline to dense, good pin point porasity a portion scated w/black sulpher residue, good fluorescent, good cdor, black-ing gas and oil.

5319-8961 Dolonite de abere, fair pla point percuity.

6761-6965 As shove, good pin point and vigular perceity.

1961-6964 As above, fair pin point peresity.

5859-64 89 RPN 14,000 BIT WT 1,000 PP

MUD WI. VIEG.

6980 10.5 80 6984 10.2 48

Generalized Core Description

Sore #5, 6964-69682, out 42', recovered 42'.

Belowite, light gray, fine crystalline, good pin point peresity, persity has black sulphur residue, bleeding salty sulphur water, slight oil and gas out, renden fractures filled w/white dolomite, few horisonal fractures bleeding sulphur water and a little oil and gas.

384-69**68**1

Dolarite, light gray, good to very good pin point perceity, porceity scatted w/black sulphur residue, fair fluorescent, bleeding sulty sulphur watery slight oil and gas out thereast, good eder, fine arystalline.

Core Berral Jessed @ 99684

187 #2, 6007-69600 Com one hour. Fair blow air immediately, good after 10 minutes, detreased to fair after 15 minutes and remaining throughout, Recovered 690' slight gen and all out drilling finid. IFF 70#; FFP ECZ#; Initial 2000/80 minutes; Final 2322/80 minutes; IHI 5745; FHH 5745;

Core #4, 6076-7600, Mr. Bill, people and 984

The same of the sa

hairline frequere w/black salphur residue; foral des 5998-7008 Dilectio, bresules cray, the expetalline, tight to fill PAR AN FROM PROPERTY. 18' 7005-EL Delevite, Lieu may be only, fine cryptelline, coargo try, line in part flow root pin point perceity, together in the black recition in perceity, streets of Res odor on break as tenested at the coargo treets. belowing, light gray, fine stypicalline-decay, fair pin point personing, some residue on personing, had older on break, tante: salty, leads were. So mileray. 3363-3974 To sample, stilling for junk in hele. Dolomite, gray, fine cryptailine, collectures, fair pin point percently, and finereseems, slight state of deed only block sulpher residue in percenty, 3978-6979 elight Has oder, feesiliferous. 9-3980 le above, no festiliferous. 6980-6981 As above w/fossillferoms. As above, slight bugglar perceity. 8991-69**82** 63 12 -3 983 As above w/good pin point and vegular perceity. Dolomite, light gray, enlaweous, fair pin point perceity, no fluorescent, 0963-8965 no stain, fine-medium prystalline, black sulphur residue on perceity. Dolantho, broadsh gray, fine oryecalline, olightly edisorsers, to finereson . Le sier or from break, tele plu point is together perceity s/ame statistics of black milyer. 5935~59**88** 6997-6987 As above u/some good regular percetty. .987-0992 As above, no vegelar peresity. 37 -6994 Dolomito, Light gray, modimi-fine arpointline, alightly salesrooms, no fluoresount, and over, fells plu point perceits schiest enlighes residue. 39.4-4998 As there, man vageler peopetty, Gala-8999 Deleates, berealth prov. The approaching, esternous, played pin point perceity, andly tight to maker. 000 As above, these as me 1870-7001 UMI - 7008

Dolasite, light gray to gray, fine to medium crystalline, fell or a constity, black sulphur residue on hairline fracture, H2S occress funorescent.

Delowite, light gray to gray, fine to medium erystalline, good pic wagular phresity, M.S. eder, tastes salty, a little black sulphur restart some perceity, no finerescent.

As above, a little inter-orgatalline poresity.

As above, no vagular perceity, fair bin point and inter-crystelline perceits,

As above, locks wet.

T. 14 1920

1-49012

77-1736

As above, does not look wet.

As above w/good inter-erystalline to vagular porceity, no sulphur resident

As above, porceity decreased to fair.

As above w/black sulphur residue in some peresity.

Dolomite, light gray to light brown-gray, fine crystalline to dense, the pin point poresity, Hed odor on brook, no fluorescent, tastes salty, sale calcareous, black sulphur on poresity.

1022-7028 As above w/good inter enystalline-regular perecity, no black sulphur residue.

148-7056 No Resevery,

80 RM 14,000 BIR WT 7/800 PP

Dolomite, light gray, fine enyetalline, ne fluorescent, little point pin porosity, cavings of black shale.

Dolamite, light gray to white, find anystalline to dense, no fluorescent, a little fair pin point peresity in enystalline part, eaving of black shale,

As above, peresity degreesed to a trace.

Dolamite, white-light gray, fine anystalline, no fluorescent, fair to good pin point and vagular percenty, a trace of light brown chart.

7056-7086 85 RM 40,000 BIT WY 1,000 PP

7051 18.8 44 7055 10.5 46 7078 10.8 48 7086 10.5

DST #8, 6978-7006, then one hour. Strong blow air immediately, degreesed slowly to fair in 861, degreesed to dead in 881. Recovered 8900' finis; 500' muddy water

5800' sulphur water J Blightly salty grading from black to elect

IFP 1000, FFF 2650, MITTAL 2650/80, FINAL 2650/80, INH 8925, PHH 8905,

~?B.

ingereg i gan stey to white printer organish item some estables and engalsk medialities of the constalities of the constalitie

as above, becoming more gray to brownish gray in cart.

Dolamite, light brownish gray, fine crystalline, fair pin point puresite in part; some dolamite, light gray to white, fine crystalline to dolamite fair pin point to vagular peresity in part.

Dolomite, light gray to white, dense to fine crystalline, slight bit to porceity and vagular powerity in part; and delomite, light brownish for fine crystalline, tight; little cavings of black shale.

7086-7200

85 RIM

14,000 BIT WT

1,000 PP

7110 MUD

, , , , ,

10.SWT

45 VISC.

Dolamite, light brownish gray, fine crystelline, slight pin point or with in part; some delemite, white to light gray, dense, soft; no floorer or

is above, a trace of milineous dolemite or chert, white (looks weeks like white, soft, delemite).

As above, no chert.

Dolomite, light brownish gray, fine crystalline, some dolomite, light and to brown, fine crystalline to dense, slightly calcareous.

Dolonite, dark brown to gray, fine erystalline, milty in part, tighted trace of shale, light gray-green, waxy.

TOTAL DEPTH 728

DEC 18 1978

MEMORANDUM FOR FILE December 22, 1958

RE: Pure Oil Company

Well #1, Mineral Point Unit NE_{4}^{1} , SE_{4}^{1} , Sec. 7, T26S, R 18E

Grand County, Utah

This well has been properly plugged and abandoned and a regulation marker erected in place. However, the rig still lies on location. The location has not yet been cleared of debris and properly leveled off.

CH/cp

Make SWR and Check later for Cleaned loc. H 8-24 59



ROCKY MOUNTAIN GEO-ENGINEERING CO.

WELL LOGGING - CORE AND WATER ANALYSIS

2450 INDUSTRIAL BLVD.

PHONE 243-3044

GRAND JUNCTION, COLORADO 81501

								, Z	ONE (OF INTE	REST !	NO. 1
INTERVAL:	From5	7 07 1	°o <u>571</u>	18								
DRILL RATE	E: Abv. <u>5</u>		Chru	2							_Below_	10
MUD GAS-CI	HROMATO	GRAPH DA	TA									
-		Total Gas	CI	C2	C3	C4-i	C4-n	C5	Не			
Before		20	2500	400	-							
During		150	30M	6м	1200	100	_	-				
Miter		80	18M	2880	450	50	-	-				
None Poor Fair Good STAIN: None	r [] d [] C		ood 🗍 🗄	Live [] Dea		Fa Go Residuo		C Even [Slow [Mod [Fast [OLOR:		
POROSITY:						ANDUL	_ARI	RCTU	RES			peralulinas menon peranum per vidence de la periodición de la periodición de la periodición de la periodición
LITHOLOGY	SHALE	BLACK CARE	BLEED	IING G	AS							
NOTIFIED	C.GRITZ						"G" CL	.AST I	C ZON	QUALI		DOX SALT